

Date: March 14, 1997

Subject: Johns Manville Manufacturing Plant
Nashua, New Hampshire

From: Paul R. Groulx, On-Scene Coordinator,
U.S. EPA Office of Site Remediation &
Restoration, New England Region
(603) 882-8995 (Field Office)

POLREP Number: 20 (last POLREP 2/21/97)
Cerclis ID #: NHD001085372
Site ID Number: 2J
Delivery Order No. 68-W3-0012
Response Authority: CERCLA
ERNS No.:
NPL Status: N.A.
State Notification: New Hampshire Department of
Environmental Services Waste Management Division (R. Reed)
Action Memorandum:
 Phase I: June 16, 1995
 Phase II: July 29, 1996

I. SITE INFORMATION

See the previous POLREPs or Action Memorandum and Addendums.

II. RESPONSE ACTIVITIES (February 22 through March 14, 1997)

Air Sampling

Personnel collected 136 samples from perimeter, area, and personal air monitoring stations during pre-demolition, demolition, and crane removal activities of Building 40.

Soil Sampling

Personnel collected 64 soil samples during the past three weeks. Five were random soil/dust samples collected from Building 40 in areas where excess debris had accumulated as a result of pre-

demolition, demolition, and crane superstructure dismantling activities. In addition, 40 grab and 19 composite soil samples were collected from the excavated sub-grade footprint of Building 10.

Task Force Meeting

The Weekly Task Force meetings were held on Thursday, February 27, 1997, Thursday, March 6, 1997, and Thursday March 13, 1997. Delegates at the meetings included the EPA OSC, EPA Environmental Response Team Center (ERTC) interim OSC, and representatives of



the Agency for Toxic Substance and Disease Registry (ATSDR), the New Hampshire Department of Environmental Services (NHDES), the New Hampshire Department of Health and Human Services (NHDHHS), the Nashua Board of Health (NBOH), the Nashua Mayor's Office represented by Nashua Fire Rescue (NFR), the Hudson Board of Health (HBOH), OHM Remediation Services Corporation, and Roy F. Weston, Inc., (WESTON) Superfund Technical Assessment and Response Team (START) and WESTON corporate personnel. Discussions included the Building 40 superstructure dismantling and removal using cranes, the sub-grade excavation of the Building 10 footprint, the Building 40 Section D2 pre-demolition, the Building 40 Sections F2, C1, and B demolition, the status of air monitoring activities, the revised Air Monitoring Plan, the distribution of the Johns Manville Demolition Bulletins, and future activities scheduled in the Master Work Plan compiled by OHM.

Building 10 Foundation/Pad Activities

The sub-grade excavation of the Building 10 footprint commenced on February 24, 1997. To date, approximately 10,465 square feet (35% of Building 10 footprint) with a volume of 1,400 cubic yards (2,038 tons) of suspected asbestos-containing material (ACM) have been removed. On March 5, 1997, excavation activities were temporarily suspended so the excavator could be utilized for controlled demolition activities. The change in operations was performed to assist the crane crew whose need for access to superstructure items called for the demolition of specified areas of Building 40.

Building 40 Activities

OHM continued pre-demolition activities in Section D2 and commenced demolition activities in Building 40 where 3,750 square feet of Section F2, 3,600 square feet of Section C1, and 5,875 square feet of Section B was dismantled. To date a total of 54,275 square feet of Building 40 (47.6% of the structure) has been removed. Wellesley Crane of Southborough, Massachusetts, began the dismantling and removal of superstructure items located above the roof line of Building 40. Crane personnel removed the Hydraulic Press Feed area, Old Baghouse, Closed Baghouse, the Cement Silo, and the Main Dust Baghouse. The only remaining items to be removed are the two Vertical Silos, miscellaneous ventilation pipes and related appendages.

Engineering controls continued to be employed to suppress dust generated during the controlled demolition and crane activities. Debris was segregated, with recyclable steel placed into an unlined rolloff and ACM and other debris placed into lined rolloffs for disposal. Recyclable steel was transported to the landfill by the City of Nashua, while ACM and construction debris was transported to the landfill by the ERCS subcontractor.

Crane and Rigging

On February 24, 1997, a 45-ton crane and a 50-ton crane, with operators and a rigging crew of three persons, were mobilized to site and began the removal of Building 40 superstructure items. On March 3, 1997, the 50-ton crane and crew were demobilized and a 100-ton crane and crew were mobilized to site. In addition, on March 10, 1997, an 80-ton crane and operator were mobilized to the site to assist the 100-ton crane with the removal of the Closed Baghouse. Following the removal of the Closed Baghouse, the 80-ton crane and operator were demobilized and the remaining picks were made with the 100-ton crane.

Nashua River Asbestos Site

Representatives from the U.S. Army Corps of Engineers (ACE) were on site to examine the riverbank of the Nashua River. The representatives will perform tasks within an interagency agreement for preparing a Rough Order of Magnitude (ROM) cost estimate to clean up ACM located along the bank and river bottom. The ROM will be prepared by a task force from the ACE.

Johns Manville Film Documentary

An EPA ERTC video crew was on site to document site activities associated with the demolition and renovation of the site. Interviews were held with key Task Force personnel and video footage was taken capturing the removal of superstructure items and the controlled demolition of site buildings. The finalized video will be available at the conclusion of site activities.

Johns Manville Demolition Bulletin

The Johns Manville Demolition Bulletin, dated February 26, 1997, was completed and delivered to site by the NHDHHS. The OSC had 1000 copies generated for distribution to area locations, key personnel, and for inclusion on the EPA ERTC internet web site.

Visitors to the Site

The following personnel were on site for meetings or to review the status of site activities during the past two weeks: Frank Ciavattieri, Don Berger, John Carlson, Dave McIntyre, Steve Novick, Gary Lipson, Rich Haworth, Dean Tagliaferro, and Wing Chau of the US EPA New England Region; Harry Compton and Bob Cibulskis of the US EPA ERTC; Mark Otis, Jenny Tan, Steve Dunbar, and Chris Lindsay of the ACE; Susanne Simon of ATSDR; Steve Cullinane and Dan Spear of NHDES; Dennis Pinski of NHDHHS; Mike Buxton of NFR; Mike Tremblay and Ed Goulding of the NBOH; Bill Oleksak of the HBOH; Mark McDuffee of the WESTON-START office; Edwin Benton of the WESTON Corporate office of Manchester, New Hampshire; Barbara Vesely and Steve Yurick of the WESTON

Corporate office of West Chester, Pennsylvania; John Gerstenlauer and Taylor Treat of OHM Remediation Services Corporation; and Dan and Bonnie St. Pierre of the Johns Manville Citizens Task Force.

DAILY SUMMARY OF REMOVAL ACTIVITIES

DATE	WEATHER	TEMP (°F)	AIR SAMPLES	SOIL SAMPLES	T&D* LOADS	WEIGHT (TONS)
02/22/97	Windy Rain	48-60	0	0	0	0
02/24/97	Clear	27-37	13	15	0	0
02/25/97	Clear	14-30	15	20	0	0
02/26/97	Partly Sunny	39-52	14	8	21 ACM	434.2
02/27/97	Rain	52-57	0	0	22 ACM 1 STEEL	470.2 7.9
02/28/97	Cloudy	46-50	10	6	18 ACM	421.6
03/01/97	Clear	33-39	0	0	0	0
03/03/97	Cloudy	35-39	11	0	1 STEEL 4 ACM	7.9 56.8
03/04/97	Cloudy	29-40	6	15	1 STEEL	9.3
03/05/97	Clear/ Cloudy	34-52	16	0	0	0
03/06/97	Rain/Snow	35-36	11	0	1 STEEL	4.7
03/07/97	Clear/ Snow	27-29	14	0	3 STEEL	21.0
03/08/97	Snow	28-30	11	0	0	0
03/10/97	Snow	28-36	0	0	0	0
03/11/97	Snow	28-35	0	0	1 STEEL 5 ACM	4.5 31.0
03/12/97	Clear	23-36	7	0	3 STEEL 4 ACM	20.4 28.3
03/13/97	Clear	14-28	8	0	1 STEEL 5 ACM	12.2 37.6
03/14/97	Snow	20-30	0	0	0	0

* - Transportation and Disposal

PROJECT SUMMARY OF REMOVAL ACTIVITIES

ACTIVITIES AIR TO DATE	SAMPLES	SOIL SAMPLES	T&D LOADS	WEIGHT (TONS)
TOTALS	942	275	148 ROLLOFFS ACM	3068.5
			618 TRUCKS ACM	10951.8
			40 ROLLOFFS STEEL	359.7
			5 FLATBEDS STEEL	33.8
			7 ROLLOFFS CEMENT	115.9

III. Financial

Representative: Task	Ceiling	Obligated	Balance
ERCS Contractor: Drum Removal (1995)	\$ 500,000	\$ 464,446	\$ 35,554
Demolition/Restoration	\$3,200,000	\$1,024,518	\$2,221,835
START Contractor	\$ 400,000	\$ 248,001	\$ 151,999
U. S. EPA: Environmental Response Team	\$ 90,000	\$ 22,327	\$ 67,673
Direct Cost	\$ 350,000	\$ 86,032	\$ 263,968
Indirect Cost	\$ 350,000	\$ 250,878	\$ 99,122
City of Nashua In-Kind Services	NA	\$2,804,060	NA
State of New Hampshire In-Kind Services	NA	\$ 188,000	NA

IV. Future Plans

OHM will continue to conduct demolition activities in accordance with the U.S. EPA Master Work Plan revised 1/30/97.

Tentative Schedule:

Mar 18 - Crane subcontractor demobilized from site following removal of superstructure items (Building No. 40).
Mar 19 - Resume demolition and loadout of Building No. 40 Sections C2, D1, F3 and E.
Mar 19 - City planning meeting, Bridge street closing
Mar 20 - Johns Manville news Bulletin distribution
Mar 20 - Weekly Task Force meeting
Mar 20 - weekly Task Force meeting
Mar 27 - Citizen Group Task Force Meeting
Apr 19 - Bridge Street closed for demolition
Apr 26 - Bridge Street closed for demolition

Site work will continue until such time as weather conditions (i.e., freezing temperatures or heavy snow falls) necessitate the temporary shutdown of site activities.

CASE PENDING

POLREP DISTRIBUTION LIST

Polrep #20

March 14, 1997

Johns Manville Manufacturing Plant Site

40 Bridge/10 Sanders Street, Nashua, NH

- ✓ M_x National Response Center (G-TGC-2), Headquarters USCG,
Room 2611, 2100 2nd St., S.W., Washington, DC 20593
- ✓ M_x US EPA, Arthur Johnson, Emergency Response Division (5202G)
401 M St., S.W., Washington, DC 20460
- ✓ M_x Richard S. Reed, Administrator, Solid Waste Management
Bureau NH Dept. of Environmental Services
P.O. Box 95, 6 Hazen Drive, Concord, NH 03301-6509
- ✓ M_x Dennis Pinski, Bureau of Health Risk Assessment
NH Div. of PHS, Health & Human Service Building
6 Hazen Drive, Concord, NH 03301-6527
- ✓ L_x Rod Turpin, US EPA, Environmental Response Team
2890 Woodbridge Avenue, Edison, NJ 08837-3679
- ✓ M_x Edward Lewis, Executive Assistant to the Mayor, City Hall
229 Main Street, P.O. Box 2019, Nashua, NH 03061-2019
- ✓ M_x Michael P. Buxton, Assistant Fire Chief,
Nashua Fire Department, Administrative Office,
2 Conant Road, Nashua, NH 03062-1899
- ✓ M_x William A. Oleksak, Health & Code Enforcement Officer
12 School Street, Hudson, NH 03051
- ✓ M_x Michael Tremblay, Health Officer, City of Nashua
18 Mulberry Street, Nashua, NH 03060
- ✓ M_x George S. Thayer, Chief Engineer - Boston & Maine
Iron Horse Park, N. Billerica, MA 01862-1688
- ✓ M_x Bonnie St. Pierre, President, JM Citizens Task Force
11 "C" Street, Nashua, NH 03060

EPA, Boston

- ✓ L_x John P. DeVillars, Regional Administrator, ORA-100
- ✓ L_x Pat Meaney, Office for Sr. Advisor for Management IRA-101
- ✓ L_x Steve Perkins, Office of Admin. & Resource Mgt., OARM-700
- ✓ L_x Nancy Grantham, Office of Regional Administrator, ORAA-100
- ✓ L_x Liza Judge, Office of Senior Advisor for Policy, ORA-103
- ✓ L_x Johanna Hunter, Office of Senior Advisor, ORA-103
- ✓ L_x Rudy Brown, Gov't Relations, RGR
- ✓ L_x Linda Murphy, Director, OSRR, OSRR-500
- ✓ L_x Frank Ciavattieri, Deputy, OSRR, OSRR-500
- ✓ L_x Dennis Huebner, OSRR, OSRR-500
- ✓ P_x John Gauthier, Office of Criminal Investigations CID
- ✓ P_x Thomas Papineau, Investigations Office, OIG/I
- ✓ P_x Paul McKechnie, Investigations Office, OIG/A
- ✓ L_x Joel Blumstein, OES - SES, PES-404
- ✓ L_x Linda Byrne - PCC, OARM-703
- ✓ L_x Hillary Kelley - PCC, OARM-703
- ✓ L_x John Carlson, Contract Management, OSRR-514
- ✓ L_x Caroline Marchant - Contact Management, OSRR-514
- ✓ L_x Suzanne Simon - ATSDR Regional Office

Regional Response Team

- ✓ P_x NOAA, Gerald Wheaton, G-MOR, C/O USCG Commandant
- ✓ M_x DOI, Andrew Raddant, Acting Regional Environmental Officer,
408 Atlantic Avenue, Room 142, Boston, MA 02110-3334

EPA, OSRR

- ✓ L_x Berger
- ✓ L_x McIntyre
- B_x Office File
- ✓ L_x Mackie
- ✓ L_x O'Halloran
- ✓ B_x Groulx(w/Copy of Distribution List)
- ✓ L_x Verdone
- ✓ L_x R. Hinten

- ✓ L_x FRAN PICARDO
- ✓ L_x JOSH NEAMZER
- ✓ L_x V. COUGHLIN